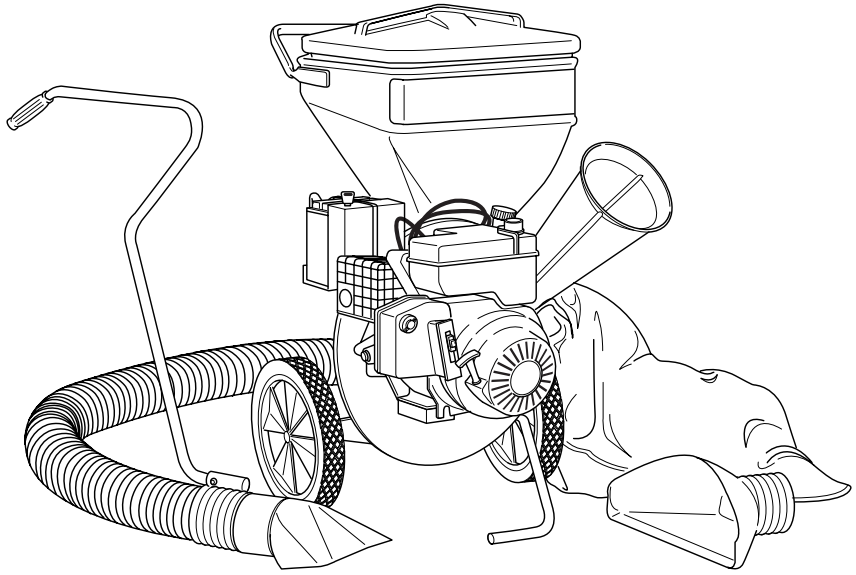
Simplicity®

Parts Manual



5/14 & 8/14

Series Chipper/Shredders

Attachment

Mfg. No.	Description
1694678	8/14 Chipper/Shredder
1694896	814 Chipper/Shredder
1694897	5515 Chipper/Shredder
1694898	5/14 Chipper/Shredder (CE/Export)
1694910	5514 Chipper/Shredder

Part No.: 1731143
Rev. 09/2007
TP 400-4096-01-CS-S

PRODUCT COMPONENTS **PAGES**

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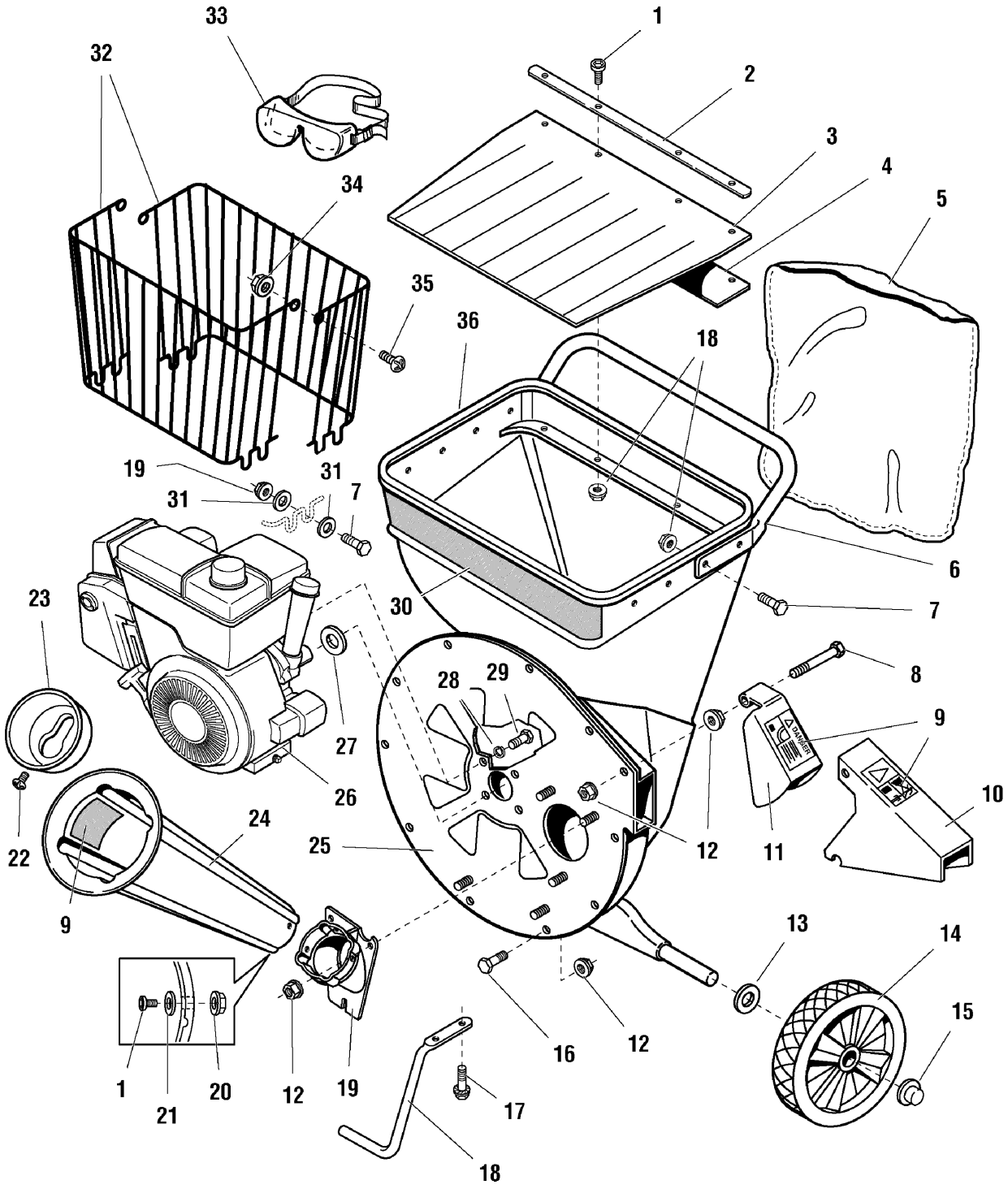
VK 5 Vacuum Kit for 5C, 5/14, & 8/14 Models 10
Torque Specification Chart ..... Inside Back Cover

Hopper & Engine Group - Models 5/14 & 8/14

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

4096heg



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Hopper & Engine Group - Models 5/14 & 8/14

REF NO	PART NO.	QTY.	DESCRIPTION
1	1960507SM	14	SCREW, Hex, Button Hd., 1/4-20 x 3/4 (Qty.10 used on CE models)
2	1098100SM	1	RETAINING STRIP, Hopper Guard
3	1095100SM	1	GUARD, Hopper
4	1709603SM	1	SUPPORT, Hopper Guard
5	1709403SM	1	COLLECTION BAG, 24" x 34"
6	1729181SM	1	HANDLE
7	1921960SM	8	CAPSCREW, Hex, 1/4-20 x 1, Gr. 5 (CE Models Only)
8	1926106SM	1	CAPSCREW, Hex, 5/16-18 x 3-1/4, Gr.5
9	1732181	2	DECAL, Danger, Rotating Cutting Blades, Warning, Debris
9	1731921	2	DECAL, Caution, Rotating Cuttinb Blades, Warning, Debris (CE Models Only)
10	1729194SM	1	DEFLECTOR
10	1709556SM	1	DEFLECTOR, Fixed (CE Models Only)
11	1731921	2	DECAL, Caution, Do Not Operate Without Bag Attached (CE Models Only)
12	1931277SM	20	NUT, Whiz, 5/16-18
13	1924361SM	2	WASHER, Plain, 17/32Plain, 17/32 x 1-1/4 x 5/64
14	1714250SM	2	WHEEL & TIRE ASSEMBLY, 1-3/4 x 12 (5/14 Only)
14	1714250SM	2	WHEEL & TIRE ASSEMBLY, 2-1/4 x 12 (8/14 Only)
15	1960519SM	2	PUSH NUT, 1/2
16	1925205SM	10	CAPSCREW, Hex, 5/16-18 x 5/8
17	1928635SM	2	SCREW, Taptite, 3/8 16 x 1-1/4
18	1713099SM	1	ROD LEG
19	1713272SM	1	CASTING, Chipper Cone, 3"
20	1930642SM	14	NUT, Flange, 2-Way Lock, 1/4-20 (Qty.10 used on CE model)
21	1921319SM	6	WASHER, Plain, 17/64 x 5/18 x 31/64
22	1926025SM	2	SCREW, Round Head, Phillips, 1/4-20 x 1/2 (CE Models Only)
23	1709729SM	1	INSERT, Cone (CE model only)
24	1709468SM	1	CONE, Chipper, Red
24	1709409SM	1	CONE, Chipper, Red (CE Models Only)
25	1714085SM	1	ENGINE PLATE ASSEMBLY
26	*	1	ENGINE, 5HP, Briggs & Stratton Model # 135212, Type # 0196-01
26	*	1	ENGINE, 8HP, Briggs & Stratton Model # 201412, Type # 9238-72
27	2118403SM	1	SHIELD
28	1917356SM	4	LOCKWASHER, 5/16
29	1921515SM	4	CAPSCREW, Hex Head, 5/16-24 x 3/4
30	1713214SM	1	DECAL, 5/14, Simplicity
30	1714113SM	1	DECAL, 8/14, Simplicity Pro
31	1960151SM	12	WASHER, Plain, 1/4 x 1-1/4 x 5/64 (CE Models Only)
32	1709561SM	2	HOPPER HALF, Upper (CE Models Only)
33	1729013SM	1	SAFETY GOGGLES
34	1927557SM	2	NUT, Flange Whiz Lock, 5/16-18 (CE Models Only)
35	1918249SM	2	SCREW, Truss Head, 5/16-18 x 3/4 (CE Models Only)
36	1713521SM	1	HOPPER, Red
36	1713521SM	1	HOPPER, Red (CE Models Only)
37	1732039	2	DECAL, Danger, Rotating Cutting Blades, Warning, Debris

Footnotes

Note* See your local Briggs & Stratton dealer for service parts.

The above parts group applies to the following Mfg. Nos.:

1694678 - 8/14 Chipper/Shredder
1694896 - 814 Chipper/Shredder
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1694898 - 5/14 Chipper/Shredder (CE/Export)
1694910 - 5514 Chipper/Shredder

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Hopper & Engine Group - Models 5/14 & 8/14

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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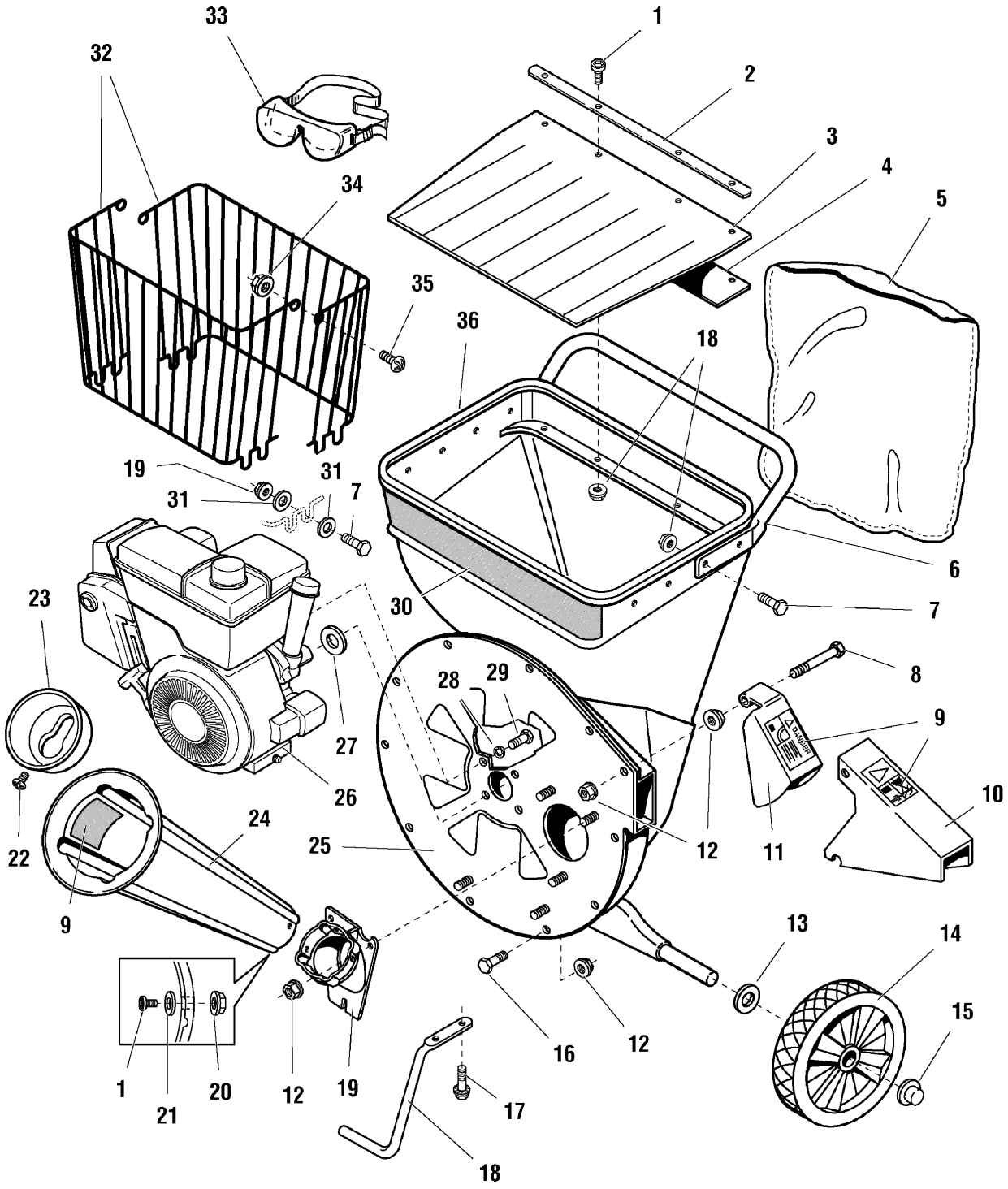

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Hopper & Engine Group - Models 5/14 & 8/14

REF NO	PART NO.	QTY.	DESCRIPTION
37	1731920	2	DECAL, Caution, Rotating Cuttinb Blades, Warning, Debris (CE Models Only)

Footnotes

Note* See your local Briggs & Stratton dealer for service parts.

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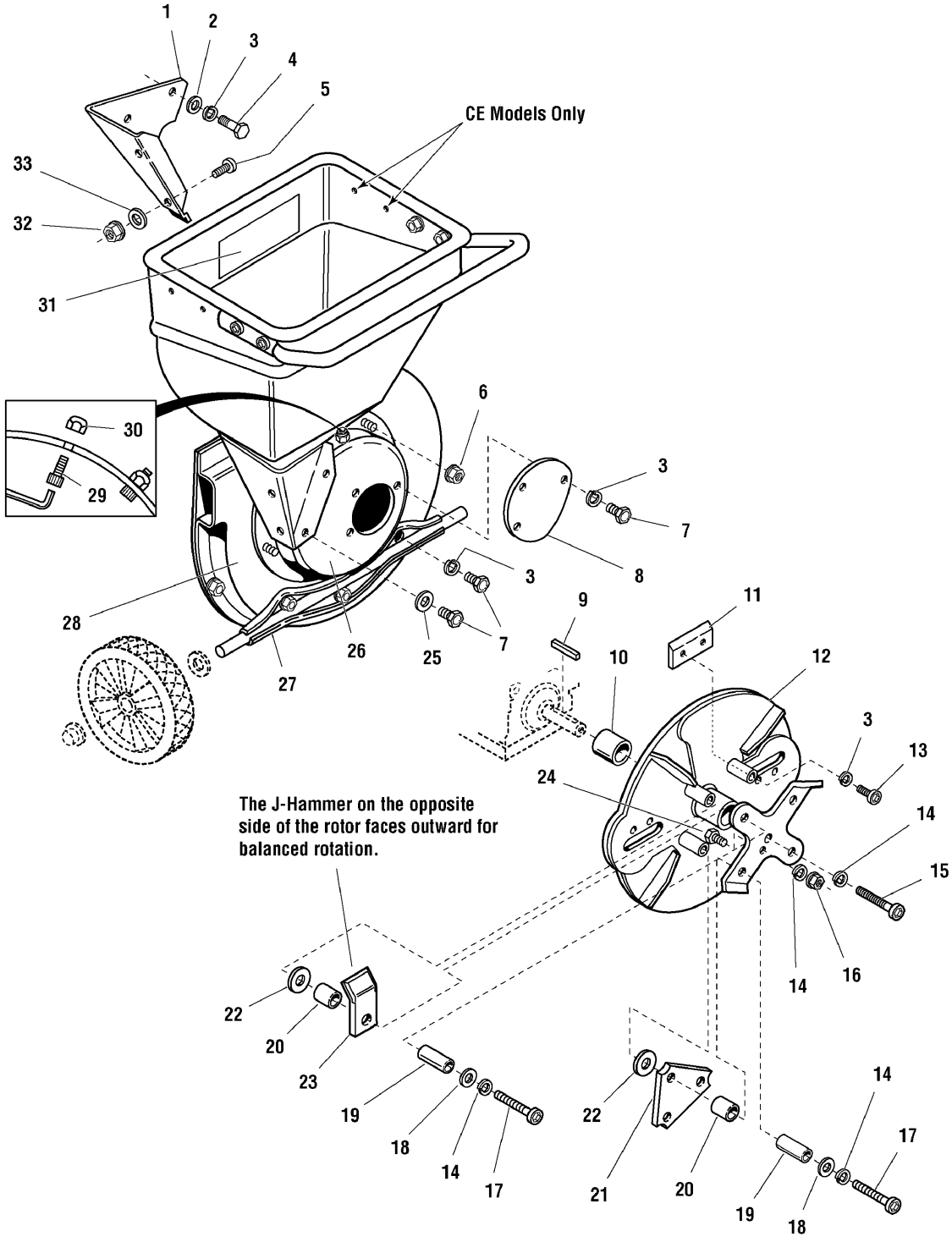
Housing & Rotor Group - Models 5/14 & 8/14

NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

4096hrg



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Housing & Rotor Group - Models 5/14 & 8/14

REF NO	PART NO.	QTY.	DESCRIPTION
1	1729176SM	1	HOPPER LINER
2	1924874SM	4	WASHER, Flat, 5/16
3	1917356SM	12	* LOCKWASHER, Split, 5/16
4	1921332SM	2	CAPSCREW, Hex Head, 5/16-18 x 3/4
5	1960507SM	2	CAPSCREW, Phillips Head, 1/4-20 x 5/8
6	1931277SM	12	NUT, Hex Flange, 5/16-18
7	1920787SM	8	CAPSCREW, Hex Head, 5/16-18 x 1/2
8	1729174SM	1	COVER, Rotor Housing
9	2805100SM	1	KEY, 1/4 Sq. x 2-1/4
10	1729132SM	1	SPACER, Rotor (5/14 Only) (5/14 Only)
10	1713206SM	1	SPACER, Rotor (8/14 Only) (8/14 0nly)
11	1729148SM	2	CHIPPER KNIFE
12	1714177SM	1	* ROTOR, 1" Hub
13	1729215SM	4	CAPSCREW, Socket Head, 5/16-24 x 5/8
14	1916965SM	7	* LOCKWASHER, Split, 3/8
15	1729235SM	1	CAPSCREW, Socket Head, 3/8-24 x 2
16	1916950SM	2	NUT, Hex, 3/8-16
17	1960508SM	4	* CAPSCREW, Hex, Socket Head, w/Patch, 3/8 16 x 2, Gr. 8
18	1924940SM	4	* WASHER, Flat, 7/8 O.D.
19	1709614SM	4	* SPACER, Tube
20	1709616SM	4	* SPACER, 3/4" O.D., 3/4" Long (5/14 Only) (5/14 Only)
20	1713207SM	4	* SPACER, 1" O.D., 33/64" Long (8/14 0nly) (8/14 0nly)
21	1729138SM	2	HAMMER, Triangular
22	1676435SM	4	WASHER, Plain, 1/2 x 1-1/4 x 3/16 (8/14 0nly) (8/14 0nly)
23	1729137SM	2	J HAMMER
24	1729236SM	2	CAPSCREW, Socket Head, 3/8-16 x 5/8
25	1924874SM	2	WASHER, Flat, 5/16
26	1729175SM	1	HOUSING, Rotor
27	1729164SM	1	AXLE ASSEMBLY
28	1729160SM	1	HOUSING, Fan
29	1729214SM	2	CAPSCREW, Socket Head, 5/16-18 x 1/2
30	1919438SM	2	NUT, Nylock, 5/16-18
31	1731918	1	DECAL, DANGER - Rotating Cutters/No Hands Below Line
31	1731919	1	DECAL, DANGER - Rotating Cutters/No Hands Below Line (CE Models Only)
32	1930642SM	2	NUT, Hex Flange Toplock, 1/4-20
33	1921319SM	2	WASHER, Flat, 1/4

Footnotes

Note* Rotor Kit 1685698 contains Ref. Nos. 2, 17, 19, 22, 23, 26 and 29 (All items are marked with an "*".)

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NOTE: Unless noted otherwise, use the standard hardware torque specification chart.

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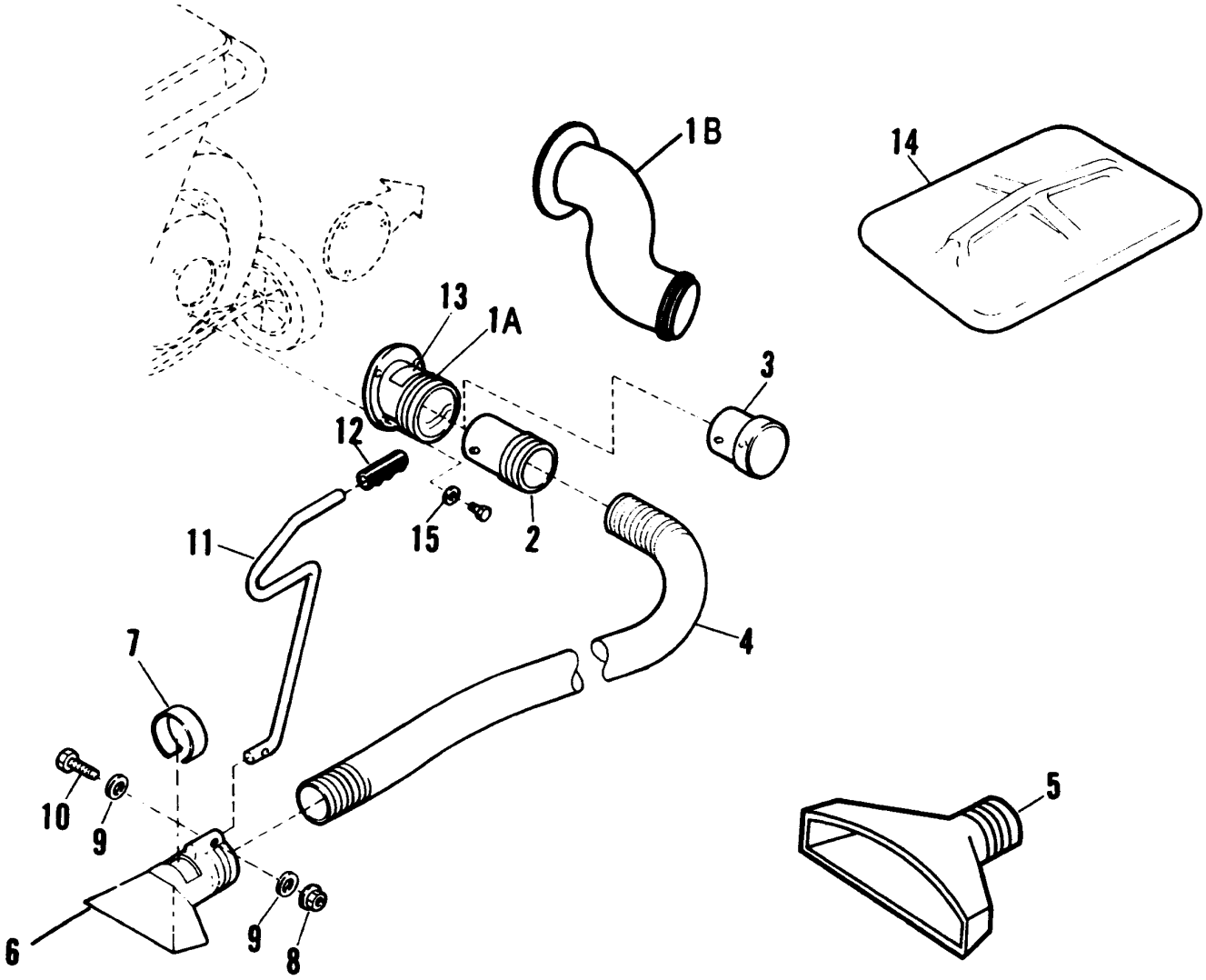

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VK 5 Vacuum Kit for 5C, 5/14, & 8/14 Models

REF NO	PART NO.	QTY.	DESCRIPTION
1A	1021100SM	1	ADAPTER
1B	1713522SM	1	ADAPTER (European model only)
2	1023100SM	1	COUPLER
3	1025100SM	1	Plug
4	1035100SM	1	HOSE, 10" x 4" Dia.
5	1027100SM	1	LEAF TRAY
6	1030100SM	1	NOZZLE, w/Valve Ring
7	1024100SM	1	VALVE RING
8	1960294SM	1	NUT, 1/4-20
9	1921319SM	2	WASHER, 1/4
10	1729223SM	1	SCREW, 1/4-20 x 1 1/2
11	1026100	1	HANDLE
12	1028100SM	1	HANDLE GRIP
13	1729207SM	1	DECAL, Danger
14	1709467SM	1	HOPPER LID (Orange)
14	1019100SM	1	HOPPER LID (Gold)
14	1709467SM	1	HOPPER LID (Red)
15	1919326SM	3	WASHER, Flat

Footnotes

The above parts group applies to the following Mfg. Nos.:

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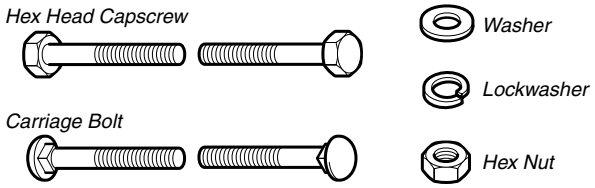
Hardware Identification & Torque Specifications

Common Hardware Types

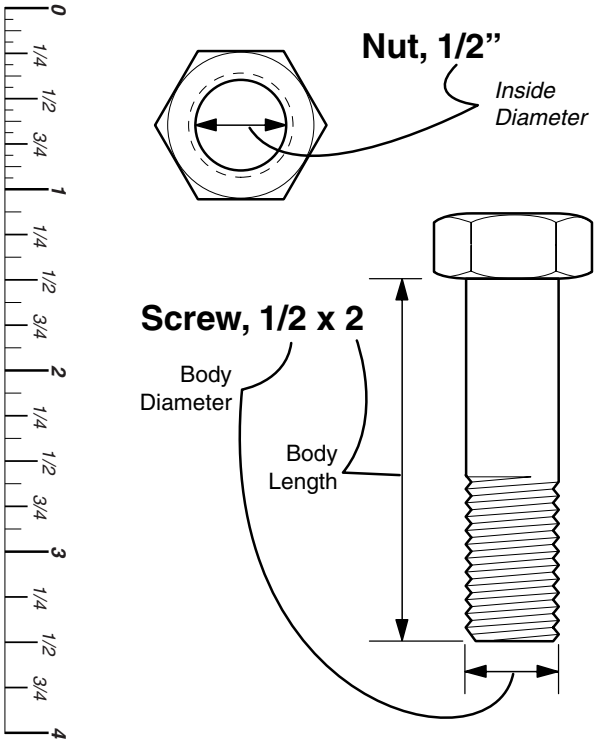


Standard Hardware Sizing

When a washer or nut is identified as **1/2"**, this is the *Nominal size*, meaning the *inside diameter* is 1/2 inch; if a second number is present it represent the *threads per inch*

When bolt or capscrew is identified as **1/2 - 16 x 2"**, this means the *Nominal size*, or *body diameter* is 1/2 inch; the second number represents the *threads per inch* (16 in this example, and the final number is the *body length* of the bolt or screw (in this example 2 inches long).

The guides and ruler furnished below are designed to help you select the appropriate hardware and tools.



Torque Specification Chart

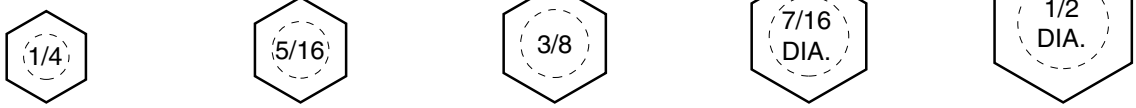
FOR STANDARD MACHINE HARDWARE (Tolerance ± 20%)

Hardware Grade	No Marks SAE Grade 2		SAE Grade 5		SAE Grade 8	
Size Of Hardware	*in/lbs* **ft/lbs**	Nm.	*in/lbs* **ft/lbs**	Nm.	**in/lbs** **ft/lbs**	Nm.
8-32	*19*	2.1	*30*	3.4	*41*	4.6
8-36	*20*	2.3	*31*	3.5	*43*	4.9
10-24	*27*	3.1	*43*	4.9	*60*	6.8
10-32	*31*	3.5	*49*	5.5	*68*	7.7
1/4-20	*66*	7.6	**8**	10.9	**12**	16.3
1/4-28	*76*	8.6	**10**	13.6	**14**	19.0
5/16-18	**11**	15.0	**17**	23.1	**25**	34.0
5/16-24	**12**	16.3	**19**	25.8	**27**	34.0
3/8-16	**20**	27.2	**30**	40.8	**45**	61.2
3/8-24	**23**	31.3	**35**	47.6	**50**	68.0
7/16-14	**30**	40.8	**50**	68.0	**70**	95.2
7/16-20	**35**	47.6	**55**	74.8	**80**	108.8
1/2-13	**50**	68.0	**75**	102.0	**110**	149.6
1/2-20	**55**	74.8	**90**	122.4	**120**	163.2
9/16-12	**65**	88.4	**110**	149.6	**150**	204.0
9/16-18	**75**	102.0	**120**	163.2	**170**	231.2
5/8-11	**90**	122.4	**150**	204.0	**220**	299.2
5/8-18	**100**	136	**180**	244.8	**240**	326.4
3/4-10	**160**	217.6	**260**	353.6	**386**	525.0
3/4-16	**180**	244.8	**300**	408.0	**420**	571.2
7/8-9	**140**	190.4	**400**	544.0	**600**	816.0
7/8-14	**155**	210.8	**440**	598.4	**660**	897.6
1-8	**220**	299.2	**580**	788.8	**900**	1,244.0
1-12	**240**	326.4	**640**	870.4	**1,000**	1,360.0

NOTES

1. These torque values are to be used for all hardware excluding: locknuts, self-tapping screws, thread forming screws, sheet metal screws and socket head setscrews.
2. Recommended seating torque values for locknuts:
   a. for prevailing torque locknuts - use 65% of grade 5 torques.
   b. for flange whizlock nuts and screws - use 135% of grade 5 torques.
3. Unless otherwise noted on assembly drawings, all torque values must meet this specification.

Wrench & Fastener Size Guide



1/4" Bolt or Nut
Wrench—7/16"

5/16" Bolt or Nut
Wrench—1/2"

3/8" Bolt or Nut
Wrench—9/16"

7/16" Bolt or Nut
Wrench (Bolt)—5/8"
Wrench (Nut)—11/16"

1/2" Bolt or Nut
Wrench—3/4"

Simplicity

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